

STATE OF IDAHO  
DEPARTMENT OF HEALTH AND WELFARE  
DIVISION OF ENVIRONMENT

Pursuant to the Provisions  
of Section 39-115 of the Idaho Code,  
and the Rules and Regulations for the Con-  
trol of Air Pollution in Idaho,

FMC CORPORATION  
Permittee, including affiliates, if any

Located at

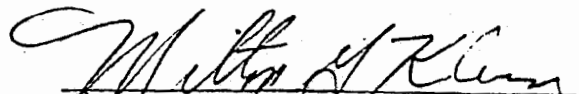
Pocatello, Idaho

is hereby granted permission to operate the Air  
Pollution Source(s) and Control Equipment specified  
herein provided the emission limitations, monitoring  
requirements and other conditions set forth in the  
Source Permit(s) are complied with.

Validation:

Issued February 26, 1980

Expiration February 26, 1985

  
Director

FMC CORPORATION located near at Pocatello, Idaho is hereby granted permission to operate the following air pollution source or control equipment; Enclosed shale crushing operation and covered conveying system. Emissions controlled by 3 baghouses.

## Restrictions:

Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
#1 Baghouse	Particulate	1.0 lb/hr	Stack test as Required by Operation and Maintenance Manual.
#2 Baghouse	Particulate	2.0 lb/hr	
#3 Baghouse	Particulate	3.0 lb/hr	

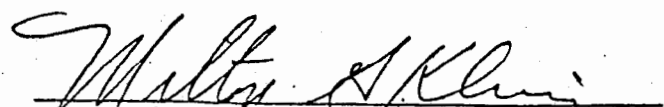
## Conditions:

When visible emissions from the baghouse exceed 5% opacity, corrective action shall be implemented in accordance with procedure established in the Operation and Maintenance Manual. However, exceeding 5% opacity shall not be deemed a violation of this Permit.

Validation (if different from Facility Permit)

Issued \_\_\_\_\_

Expiration \_\_\_\_\_

  
Authorizing Signature

FMC CORPORATION located ~~near~~ AT POCATELLO, IDAHO  
is hereby granted permission to operate the following air pollution  
source or control equipment; #1 calciner and cooler. Emissions from  
the calciner are controlled by two scrubbers in parallel; the emissions  
from the first cooler section are controlled by a baffled settling  
chamber and the exhaust gases are refed to the calciner as preheat air;  
the second cooler is divided into two parts - emissions controlled by a  
settling chamber and exhausted out a common stack.

## Restrictions:


Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
Scrubber	Particulate	38.0 lb/hr	Stack Test as Required by Operation and Maintenance Manual
Scrubber	Particulate	38.0 lb/hr	
Split Cooler Stack	Particulate	16.0 lb/hr	
	Particulate	16.0 lb/hr	

## Conditions:

Validation (if different from Facility Permit)

Issured \_\_\_\_\_

Expiration \_\_\_\_\_

  
Authorizing Signature

FMC CORPORATION located near at Pocatello, Idaho  
is hereby granted permission to operate the following air pollution  
source or control equipment; #2 calciner and cooler. Emissions from  
the calciner are controlled by two scrubbers in parallel; the emissions  
from the first cooler section are controlled by a baffled settling  
chamber and the exhaust gases are refed to the calciner as preheat air;  
the second cooler is divided into two parts - emissions controlled by  
a baffled settling chamber and exhausted out two stacks, one for each  
section.

## Restrictions:

Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
Scrubber #1	Particulate	38.0 lb/hr	Stack Test as Required by Operation and Maintenance Manual.
Scrubber # 2	Particulate	38.0 lb/hr	
Cooler Stack #1	Particulate	36.0 lb/hr	
Cooler Stack #2	Particulate	25.0 lb/hr	

## Conditions:

Validation (if different from Facility Permit)

Issured \_\_\_\_\_

Expiration \_\_\_\_\_

Milton A. Klein  
Authorizing Signature

FMC CORPORATION located near at Pocatello, Idaho  
is hereby granted permission to operate the following air pollution  
source or control equipment; Reclaim area and transfer of briquets  
with emissions controlled by 2 baghouses.

## Restrictions:

Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
North Nodule Reclaim	Particulate	3.0 lb/hr	Stack Test as Required by Operation and Maintenance Manual.
South Nodule Reclaim	Particulate	3.0 lb/hr	

## Conditions:

When visible emissions from the baghouse exceed 5% opacity, corrective action shall be implemented in accordance with procedure established in the Operation and Maintenance Manual. However, exceeding 5% opacity shall not be deemed a violation of this Permit.

Validation (if different from Facility Permit)

Issued \_\_\_\_\_

Expiration \_\_\_\_\_

Wilton A. Kline  
Authorizing Signature

FMC CORPORATION located near at Pocatello, Idaho  
is hereby granted permission to operate the following air pollution  
source or control equipment; Proportioning system, including nodules and  
silica, controlled by 3 baghouses (East and West Nodule Baggouses and  
Silo Baghouse).

## Restrictions:

Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
East Nodule Baghouse	Particulate	3.0 lb/hr	Stack Test as Required by
West Nodule Baghouse	Particulate	3.0 lb/hr	Operation and Maintenance
Silo Baghouse	Particulate	3.0 lb/hr	Manual

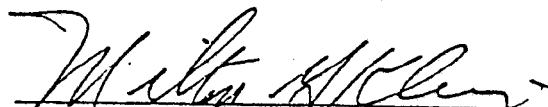
## Conditions:

When visible emissions from the baghouse exceed 5% opacity, corrective action shall be implemented in accordance with procedure established in the Operation and Maintenance Manual. However, exceeding 5% opacity shall not be deemed a violation of this Permit.

Validation (if different from Facility Permit)

Issured \_\_\_\_\_

Expiration \_\_\_\_\_

  
\_\_\_\_\_  
Authorizing Signature

FMC CORPORATION located near at Pocatello, Idaho  
is hereby granted permission to operate the following air pollution  
source or control equipment; Furnace burdening system, controlled by  
two baghouses on the four furnaces.

## Restrictions:

Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
#1 Burden Baghouse	Particulate	6.0 lb/hr	Stack Test as Required by Operation and Maintenance Manual.
#2 Burden Baghouse	Particulate	6.0 lb/hr	

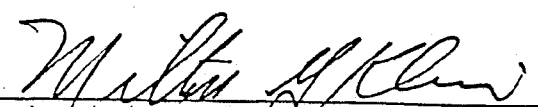
## Conditions:

When visible emissions from a baghouse exceed 5% opacity, corrective action shall be implemented in accordance with procedures established in the Operation and Maintenance Manual. However, exceeding 5% opacity shall not be deemed a violation of this Permit.

Validation (if different from Facility Permit)

Issued \_\_\_\_\_

Expiration \_\_\_\_\_

  
\_\_\_\_\_  
Authorizing Signature

FMC CORPORATION located near at Pocatello, Idaho  
is hereby granted permission to operate the following air pollution  
source or control equipment; Coke handling system with emissions  
controlled by a baghouse.

## Restrictions:

Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
Baghouse	Particulate	3.0 lb/hr	Stack Test as Required by Operation and Maintenance Manual.

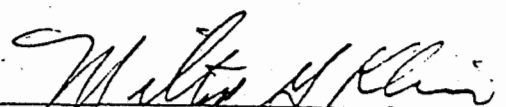
## Conditions:

When visible emissions from a baghouse exceed 5% opacity, corrective action shall be implemented in accordance with procedures established in the Operation and Maintenance Manual. However, exceeding 5% opacity shall not be deemed a violation of this Permit.

Validation (if different from Facility Permit)

Issued \_\_\_\_\_

Expiration \_\_\_\_\_

  
\_\_\_\_\_  
Authorizing Signature



FMC CORPORATION located near at Pocatello, Idaho  
is hereby granted permission to operate the following air pollution  
source or control equipment; #1 electric arc furnace, with tapping  
emissions controlled by 2 Medusa scrubbers in a crossover network  
followed by an Andersen control system.

## Restrictions:

Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
Andersen system	Particulate	5.0 lb/hr	Stack Test as Required by Operation and Maintenance Manual.


## Conditions:

the Andersen Control System  
When visible emissions from ~~a baghouse~~ exceed 5% opacity, corrective  
action shall be implemented in accordance with procedures established in  
the Operation and Maintenance Manual. However, exceeding 5% opacity  
shall not be deemed a violation of this Permit.

Validation (if different from Facility Permit)

Issured \_\_\_\_\_

Expiration \_\_\_\_\_

  
\_\_\_\_\_  
Authorizing Signature

FMC CORPORATION located near at Pocatello, Idaho  
is hereby granted permission to operate the following air pollution  
source or control equipment; #2 electric arc furnace, with tapping  
emissions controlled by 2 Medusa scrubbers in a crossover network  
followed by an Andersen control system.

## Restrictions:

Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
Andersen system	Particulate	5.0 lb/hr	Stack Test as Required by Operation and Maintenance Manual.

Conditions: the Andersen Control System  
When visible emissions from a/bohouse exceed 5% opacity, corrective action shall be implemented in accordance with procedures established in the Operation and Maintenance Manual. However, exceeding 5% opacity shall not be deemed a violation of this Permit.

Validation (if different from Facility Permit)

Issured \_\_\_\_\_

Expiration \_\_\_\_\_

Milton E. Clark  
Authorizing Signature

FMC CORPORATION located near at Pocatello, Idaho  
is hereby granted permission to operate the following air pollution  
source or control equipment; #3 electric arc furnace, with tapping  
emissions controlled by 2 Medusa scrubbers in a crossover network  
followed by an Andersen control system.

## Restrictions:

Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
Andersen system	Particulate	5.0 lb/hr	Stack Test as Required by Operation and Maintenance Manual.

Conditions: the Andersen Control System  
When visible emissions from ~~the Andersen Control System~~ exceed 5% opacity, corrective  
action shall be implemented in accordance with procedures established in  
the Operation and Maintenance Manual. However, exceeding 5% opacity  
shall not be deemed a violation of this Permit.

Validation (if different from Facility Permit)

Issued \_\_\_\_\_

Expiration \_\_\_\_\_

Melvin A. Klein  
Authorizing Signature

FMC CORPORATION located near at Pocatello, Idaho is hereby granted permission to operate the following air pollution source or control equipment; #4 electric arc furnace, with tapping emissions controlled by 2 Medusa scrubbers in a crossover network followed by an Andersen control system.

## Restrictions:

Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
Andersen system	Particulate	5.0 lb/hr	Stack Test as Required by Operation and Maintenance Manual.

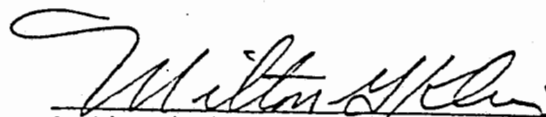
## Conditions:

the Andersen Control System  
When visible emissions from ~~A/Baghouse~~ exceed 5% opacity, corrective action shall be implemented in accordance with procedures established in the Operation and Maintenance Manual. However, exceeding 5% opacity shall not be deemed a violation of this Permit.

Validation (if different from Facility Permit)

Issured \_\_\_\_\_

Expiration \_\_\_\_\_

  
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Authorizing Signature

Restrictions:

Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
Scrubber	Particulate	22.0 lb/hr	Stack Test as Required by Operation and Maintenance Manual.

Conditions:

Validation (if different from Facility Permit)

Issured \_\_\_\_\_

Expiration

W. H. H. H. H.  
Authorizing Signature

FMC CORPORATION located ~~near~~ at Pocatello, Idaho  
is hereby granted permission to operate the following air pollution  
source or control equipment; carbon monoxide flare pit - used to control  
carbon monoxide pressure in furnace and calciner operations.

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## Restrictions:

Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
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General provisions of the Rules and Regulations for the Control of  
Air Pollution in Idaho.

## Conditions:

Validation (if different from Facility Permit)

Issued \_\_\_\_\_

Expiration \_\_\_\_\_

  
\_\_\_\_\_  
Authorizing Signature

FMC CORPORATION located near at Pocatello, Idaho  
is hereby granted permission to operate the following air pollution  
source or control equipment; P4 dock, with wet wall electrostatic  
precipitator to control emissions from rail loading of phosphorus.  
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## Restrictions:

Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
Precipitator	Particulate	3.0 lb/hr	Stack Test as Required by Operation and Maintenance Manual.

## Conditions:

Validation (if different from Facility Permit)

Issured \_\_\_\_\_

Expiration \_\_\_\_\_

  
\_\_\_\_\_  
Authorizing Signature

FMC CORPORATION located near at Pocatello, Idaho

is hereby granted permission to operate the following air pollution  
source or control equipment; Three boilers fired by natural gas with  
distillate fuel oil as standby.

Restrictions:

Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
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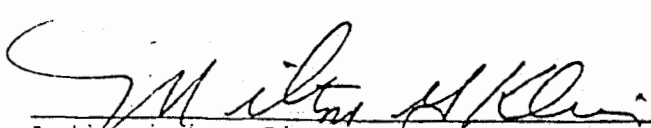
Sulfur limited in distillate fuel grades as defined in Section 1-1354  
of the Rules and Regulations for the Control of Air Pollution in Idaho.

Conditions:

Validation (if different from Facility Permit)

Issued \_\_\_\_\_

Expiration \_\_\_\_\_

  
Authorizing Signature



FMC CORPORATION located n/y/r at Pocatello, Idaho  
is hereby granted permission to operate the following air pollution  
source or control equipment; Nodule stockpiling ladders, controlled by  
a baghouse.

## Restrictions:

Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
Stockpile Baghouse	Particulate	3.0 lb/hr	Stack Test as Required by Operation and Maintenance Manual.

## Conditions:

When visible emissions from a baghouse exceed 5% opacity, corrective action shall be implemented in accordance with procedures established in the Operation and Maintenance Manual. However, exceeding 5% opacity shall not be deemed a violation of this Permit.

Validation (if different from Facility Permit)

Issued \_\_\_\_\_

Expiration \_\_\_\_\_

  
\_\_\_\_\_  
Authorizing Signature

FMC CORPORATION located near at Pocatello, Idaho  
is hereby granted permission to operate the following air pollution  
source or control equipment; All haul and access roads, parking areas,  
and other areas with potential for fugitive dust production.

## Restrictions:

Emission Point	Emission Characteristic	Emission Limitations	Monitoring Requirements
Plant roads and parking areas.	Fugitive Dust	See conditions below.	Recording and monitoring as required by Operation and Maintenance Manual.

## Conditions:

1. All unpaved roads and parking areas shall be treated with water or a chemical suppressant in accordance with the procedures established in the Operation and Maintenance Manual.
2. All paved roads shall be maintained in a clean condition by wet sweeping or wet washing. The removal of dust shall be accomplished in accordance with the procedures established in the Operation and Maintenance Manual.

Validation (if different from Facility Permit)

Issued \_\_\_\_\_

Expiration \_\_\_\_\_

  
\_\_\_\_\_  
Authorizing Signature

## PART II GENERAL PROVISIONS

- A All emissions authorized herein shall be consistent with the terms and conditions of this permit. The emission of any pollutant in excess of the limitations specified herein, or non-compliance with any other condition or limitation contained in this permit, shall constitute a violation of this permit and the Rules and Regulations for the Control of Air Pollution in Idaho, and the Environmental Protection and Health Act, Idaho Code 39-101 et seq.
- B The permittee shall at all times (except as provided in the Rules and Regulations for the Control of Air Pollution in Idaho) maintain in good working order and operate as efficiently as practicable, all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable laws for the control of air pollution.
- C The permittee shall allow the Director, and/or his authorized representative(s), upon the presentation of credentials:
- 1) To enter upon the permittee's premises where an emission source is located, or in which any records are required to be kept under the terms and conditions of this permit; and

2) at reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect any monitoring equipment or monitoring method required in this permit, and to sample any emission of pollutants.

D Except for data determined to be confidential under Section 39-111, Idaho Code, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the appropriate regional office of the Division of Environment.

E Nothing in this permit is intended to relieve or exempt the permittee from compliance with any applicable federal, state or local law or regulation, except as specifically provided herein.

F In the event of any change in control or ownership of source(s) from which the authorized emissions emanate, the permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the Director.

G Until the expiration date, this permit shall be renewable annually, provided the permittee submits any and all information necessary for the Director to determine the amount and type of air pollutants emitted from the equipment for which this permit is granted. Failure to submit

such information within sixty (60) days after receipt of the Director's request shall cause the permit to be voided.

- II The Director may require the permittee to develop a list of Operation and Maintenance Procedures which must be approved by the Department. Such list of procedures shall become a part of this permit by reference, and the permittee shall adhere to all of the operation and maintenance procedures contained therein.
- I The permittee shall provide the appropriate regional office a minimum of five (5) days notice prior to the scheduled date of any emissions test required pursuant to this permit. The permittee shall notify the appropriate regional office of any change in the testing schedule and shall provide at least one (1) days notice prior to conducting any rescheduled test. Any records or data generated as a result of such compliance tests shall be made available to the Department upon request.